

## **ABSTRACT**

A low control voltage switch utilizing a plurality of field effect transistors (FETs) having a total of six gates to allow the switch to operate at a low control voltage without the need to increase device periphery or die size. Feed-forward capacitors connected between the gate and source of an uppermost FET and the gate and drain of a lowermost FET are used to reduce signal distortion and improve the linearity and harmonic noise rejection characteristics of the FETs within the switch and thus lower the harmonics of the switch.